



2825
PATENT
Attorney Docket No.: SSI-02001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Maximilian A. Biberger et al.

Serial No.: 09/841,800

Filed: April 24, 2001

For: **METHOD OF DEPOSITING
METAL FILM AND METAL
DEPOSITION CLUSTER TOOL
INCLUDING SUPERCRITICAL
DRYING/CLEANING MODULE**

) Group Art Unit: 2825

) Examiner: Everhart, Caridad

) **TRANSMITTAL LETTER**

) 162 N. Wolfe Road
) Sunnyvale, CA 94086
) (408) 530-9700

) Customer No.: 28960

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Enclosed please find a Supplemental Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

You will also find enclosed the associated Transmittals, Electronic Information Disclosure Statements, and United States Patent and Trademark Office Acknowledgment Receipts for the electronically filed Information Disclosure Statement (EFS ID #50637); (EFS ID #50638); (EFS ID #50639); (EFS ID #50640); and (EFS ID #50641) filed on November 14, 2003.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 11/14/03

By: Thomas B. Haverstock

Thomas B. Haverstock
Reg. No.: 32,571

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Attorneys for Applicants

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FEE TRANSMITTAL

Electronic Version v08
 Stylesheet Version v08.0

| Title of Invention | | METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE | | | | | | | | | |
|---|------------------------|--|-------------|-----------|-------------|---|------|-----|-----|--|--|
| Application Number: | 09/841800 | *09/841800* | | | | | | | | | |
| Date: | 2001-04-24 | | | | | | | | | | |
| First Named Applicant: | Maximilian A. Biberger | | | | | | | | | | |
| Attorney Docket Number: | | | | | | | | | | | |
| TOTAL FEE AUTHORIZED \$180 | | | | | | | | | | | |
| Patent fees are subject to annual revisions on or about October 1st of each year. | | | | | | | | | | | |
| BASIC FILING FEE | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Fee Description</th> <th>Fee Code</th> <th>Amount \$</th> <th>Fee Paid \$</th> </tr> </thead> <tbody> <tr> <td>Submission Of Information Disclosure Stmt Fee</td> <td>1806</td> <td>180</td> <td>180</td> </tr> </tbody> </table> | | Fee Description | Fee Code | Amount \$ | Fee Paid \$ | Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 | | |
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| Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 | | | | | | | | |
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11/14/2003

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Access Code ****
Deposit name: Haverstock and Owens LLP
Deposit authorized name: Thomas B. Haverstock
Signature: /tbh/
Date (YYYYMMDD): 2003-11-14

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Electronic Version 1.1
Worksheet Version v1.1.1

Title of Invention

**METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING
SUPERCRITICAL DRYING/CLEANING MODULE**

Submission Type: Information Disclosure Statement

Application Number: 09/841800

09/841800

EFS ID: 50638

Server Response:

| Confirmation Code | Message |
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| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Maximilian Biberger

Attorney Docket Number:

Timestamp: 2003-11-14 13:46:50 EDT

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11/14/2003

Acknowledgement Receipt

Page 2 of 2

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| Title of Invention | METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE | | | | | | |
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| Confirmation Number: | 6810 | | | | | | |
| Attorney Docket Number: | | | | | | | |
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| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table> | | Submitted by: | Elec. Sign. | Sign. Capacity | Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney | | | | | |

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| Comments | |

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Examiner Name

Date

Title of
InventionMETHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION
CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING
MODULE

Application Number: 09/841800 *09/841800*

Confirmation Number: 6810

First Named Applicant: Maximilian Biberger

Attorney Docket Number:

Search string: (5370741 or 5714299 or 5725987 or 5736425 or 5766367).pn.

US Patent Documents

Note: Applicant Is not required to submit a paper copy of cited US Patent Documents

| Init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|---------------|------|-------|----------|
| | 1 | 5370741 | 1994-12-06 | Bergman | | | |
| | 2 | 5714299 | 1998-02-03 | Combes et al. | | | |
| | 3 | 5725987 | 1998-03-10 | Combes et al. | | | |
| | 4 | 5736425 | 1998-04-07 | Smith et al. | | | |
| | 5 | 5766367 | 1998-06-16 | Smith et al. | | | |

Remarks

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The current electronic filing contains part 2 out of a total of 5 electronic filings. Fee has been
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09/841800

EFS ID: 50639

Server Response:

| Confirmation Code | Message |
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| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Maximilian Biberger

Attorney Docket Number:

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| Electronic Version v1.1 Stylesheet Version v1.1.0 | | |
| Title of Invention | METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE | |
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| Date: | 2001-04-24 | |
| First Named Applicant: | Maximilian A. Biberger | |
| Confirmation Number: | 6810 | |
| Attorney Docket Number: | | |
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| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

| Documents being submitted | Files |
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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|---|--|------------|------------|----------------|------|-------|----------|
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| Confirmation Number: | 6810 | | | | | | |
| First Named Applicant: | Maximilian Biberger | | | | | | |
| Attorney Docket Number: | | | | | | | |
| Search string: | (5807607 or 5847443 or 5872061 or 5893756 or 5896870 or 5904737 or 5992680 or 5994696 or 6001133 or 6005226 or 6037277 or 6063714 or 6099619 or 6100198 or 6128830 or 6140252 or 6171645 or 6200943 or 6216364 or 6224774 or 6228826 or 6232238 or 6232417 or 6239038).pn. | | | | | | |
| US Patent Documents | | | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | | | |
| Init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
| | 1 | 5807607 | 1998-09-15 | Smith et al. | | | |
| | 2 | 5847443 | 1998-12-08 | Cho et al. | | | |
| | 3 | 5872061 | 1999-02-16 | Lee et al. | | | |
| | 4 | 5893756 | 1999-04-13 | Berman et al. | | | |
| | 5 | 5896870 | 1999-04-27 | Huynh et al. | | | |
| | 6 | 5904737 | 1999-05-18 | Preston et al. | | | |
| | 7 | 5992680 | 1999-11-30 | Smith | | | |
| | 8 | 5994696 | 1999-11-30 | Tai et al. | | | |
| | 9 | 6001133 | 1999-12-14 | DeYoung et al. | | | |
| | 10 | 6005226 | 1999-12-21 | Aschner et al. | | | |

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| 11 | 6037277 | 2000-03-14 | Masakara et al. | |
| 12 | 6063714 | 2000-05-16 | Smith et al. | |
| 13 | 6099619 | 2000-08-08 | Lansbarkls et al. | |
| 14 | 6100198 | 2000-08-08 | Crieger et al. | |
| 15 | 6128830 | 2000-10-10 | Bettcher et al. | |
| 16 | 6140252 | 2000-10-31 | Cho et al. | |
| 17 | 6171645 | 2001-01-09 | Smith et al. | B1 |
| 18 | 6200943 | 2001-03-13 | Romack et al. | B1 |
| 19 | 6216364 | 2001-04-17 | Tanaka et al. | B1 |
| 20 | 6224774 | 2001-05-01 | DeSimone et al. | B1 |
| 21 | 6228826 | 2001-05-08 | DeYoung et al. | B1 |
| 22 | 6232238 | 2001-05-15 | Chang et al. | B1 |
| 23 | 6232417 | 2001-05-15 | Rhodes et al. | B1 |
| 24 | 6239038 | 2001-05-29 | Wen | B1 |

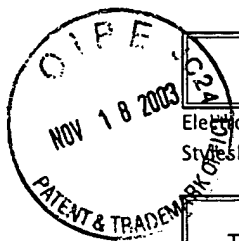
Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.
The current electronic filing contains part 3 out of a total of 5 electronic filings. Fee has been paid in previous electronic filing.

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| Examiner Name | Date |
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Title of Invention

**METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING
SUPERCRITICAL DRYING/CLEANING MODULE**

Submission Type: Information Disclosure Statement

Application Number: 09/841800

09/841800

EFS ID: 50637

Server Response:

| Confirmation Code | Message |
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First Name: Applicant: Maximilian Biberger

Attorney Docket Number:

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| Title of Invention | METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE | | | | | | |
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| First Named Applicant: | Maximilian A. Biberger | | | | | | |
| Confirmation Number: | 6810 | | | | | | |
| Attorney Docket Number: | | | | | | | |
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| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table> | | Submitted by: | Elec. Sign. | Sign. Capacity | Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney | | | | | |

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| First Named Applicant: Maximilian Biberger | | | | | | | |
| Attorney Docket Number: | | | | | | | |
| Search string: (2439689 or 4349415 or 4925790 or 5071485 or 5196134 or 5269850 or 5285352 or 5320742).pn. | | | | | | | |
| US Patent Documents | | | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | | | |
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| | 1 | 2439689 | 1948-04-13 | Hyde et al. | | | |
| | 2 | 4349415 | 1982-09-14 | DeFilippi et al. | | | |
| | 3 | 4925790 | 1990-05-15 | Blanch et al. | | | |
| | 4 | 5071485 | 1991-12-10 | Matthews et al. | | | |
| | 5 | 5196134 | 1993-03-23 | Jackson | | | |
| | 6 | 5269850 | 1993-12-14 | Jackson | | | |
| | 7 | 5285352 | 1994-02-08 | Pastore et al. | | | |
| | 8 | 5320742 | 1994-06-14 | Fletcher et al. | | | |
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| Note: Remarks are not for responding to an office action. | | | | | | | |
| Non US Patent and Publication references shall be filed under a separate paper transmittal. | | | | | | | |

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| Examiner Name | Date |
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Worksheet Version v1.1.1

Title of Invention

METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING
SUPERCRITICAL DRYING/CLEANING MODULE

Submission Type: Information Disclosure Statement

Application Number: 09/841800

09/841800

EFS ID: 50640

Server Response:

| Confirmation Code | Message |
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First Named Applicant: Maximilian Biberger

Attorney Docket Number:

Timestamp: 2003-11-14 13:50:56 EDT

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Page 2 of 2

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| TRANSMITTAL | | | | | | | |
|--|---|----------------|-------------|----------------|--|-------|----------|
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| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney | | | | | |

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| First Named Applicant: | Maximilian Biberger | | | | | | |
| Attorney Docket Number: | | | | | | | |
| Search string: | (6251250 or 6255732 or 6270531 or 6270948 or 6277753 or 6284558 or 6286231 or 6306564 or 6331487 or 6344243 or 6358673 or 6361696 or 6367491 or 6380105 or 6425956 or 6436824 or 6454945 or 6458494 or 6461967 or 6485895 or 6486078 or 6486282 or 6492090 or 6500605 or 6558475 or 6562146 or 20010019857 or 20010024247 or 20010041455 or 20010041458 or 20020001929 or 20020055323 or 20020074289 or 20020081533 or 20020088477 or 20020098680 or 20020106867 or 20020112740 or 20020112746 or 20020115022 or 20020117391 or 20020123229 or 20020127844 or 20020132192 or 20020141925 or 20020142595 or 20020150522 or 20030003762).pn. | | | | | | |
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| Remarks | | | | | | | |
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| The current electronic filing contains part 4 out of a total of 5 electronic filings. Fee has been paid in previous electronic filing. | | | | | | | |
| Signature | | | | | | | |
| Examiner Name | | | | Date | | | |
| | | | | | | | |

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Stylesheet Version v1.1.1

Title of Invention

METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING
SUPERCRITICAL DRYING/CLEANING MODULE

Submission Type: Information Disclosure Statement

Application Number: 09/841800

09/841800

EFS ID: 50641

Server Response:

| Confirmation Code | Message |
|-------------------|---|
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 6810 |
| ISYS5 | Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later. |

First Named Applicant: Maximilian Biberger

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Page 2 of 2

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| package-data | us-package-data.xsl | 19263 |
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|--|---|-----------------------|
| Electronic Version v1.1 Stylesheet Version v1.1.0 | | |
| Title of Invention | METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE | |
| Application Number: | 09/841800 *09/841800* | |
| Date: | 2001-04-24 | |
| First Named Applicant: | Maximilian A. Biberger | |
| Confirmation Number: | 6810 | |
| Attorney Docket Number: | | |
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| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |

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| us-ids | SSI02001E-usidst.xml us-ids.dtd us-ids.xsl |
| Comments | |

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of
InventionMETHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION
CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING
MODULE

Application Number: 09/841800

09/841800

Confirmation Number: 6810

First Named Applicant: Maximilian Biberger

Attorney Docket Number:

Search string: (20030008238 or 20030008518 or 20030013311 or
20030036023 or 20030047533).pn.

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Remarks

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paid in previous electronic filing.

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